

d) a core member extending at least within the distal shaft section formed of a material selected from the group consisting of stainless steel and a NiTi alloy.

74. The electrophysiology device of claim 73 wherein the NiTi alloy exhibits superelasticity.

75. The electrophysiology device of claim 73 wherein the NiTi alloy has a stable austenite phase at body temperature.

76. The electrophysiology device of claim 73 wherein the NiTi alloy exhibits stress induced austenite-to-martensite phase transformation.

77. An electrophysiology device, comprising:

a) an elongated shaft having a proximal end, a distal end, and a distal shaft section with a proximal portion and a distal portion;

b) a plurality of electrode means on the proximal portion of the distal shaft section, having an interelectrode spacing of about 1 mm to not greater than 3 mm;

c) at least one temperature sensor on an exterior portion of the distal shaft section disposed between two adjacent electrodes;


d) an elongated core member in the distal shaft section.

REMARKS

Applicants respectfully request examination and early allowance of the claims in this reissue application. Support for the amendment to the specification and the addition of new claims 41-44, 64-67 and 73-75 is found in column 7, lines 4-12, of the '796 patent which was incorporated into the present specification by reference.

Additional support is found throughout the specification for the new claims. No new matter is introduced by these amendments.

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